

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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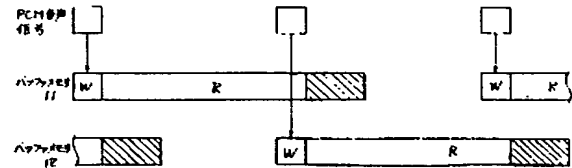
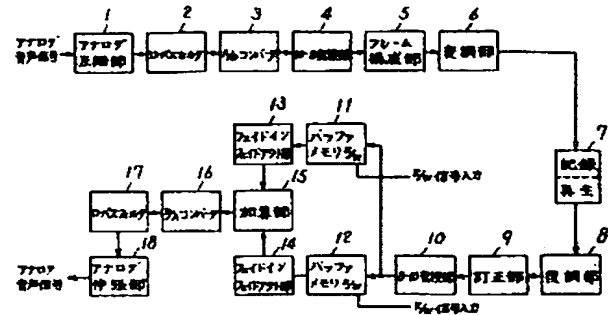
APPLICATION DATE : 02-09-83  
APPLICATION NUMBER : 58162241

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

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TITLE : HIGH-SPEED REPRODUCTION OF  
PCM SOUND SIGNAL



ABSTRACT : PURPOSE: To delete noise, distortions, etc. produced at a connection part by reproducing a PCM sound signal block with time delay to produce areas overlapping to each other between two continuous PCM sound signals in a reproduction mode and connecting these two signals with cross fading at said overlapping area.

CONSTITUTION: As shown in a figure, the PCM sound signal given from an (8-10) converting part 10 is written in a period "W" and then read out in a period "R". A buffer memory is read with a clock which is slower than a normal reproduction clock. Then the fade-in and fade-out parts 13 and 14 fades in and fades out the start part and the end part of the PCM sound signals read out of buffer memories 11 and 12 with time width overlapping the front and back PCM sound signals. These faded-in and faded-out parts are delivered to an addition part 15 from parts 13 and 14. The PCM sound signal delivered from the part 15 is supplied to a D/A converter 16. The converter 16 converts the PCM sound signal, i.e., a digital signal into an analog sound signal.

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